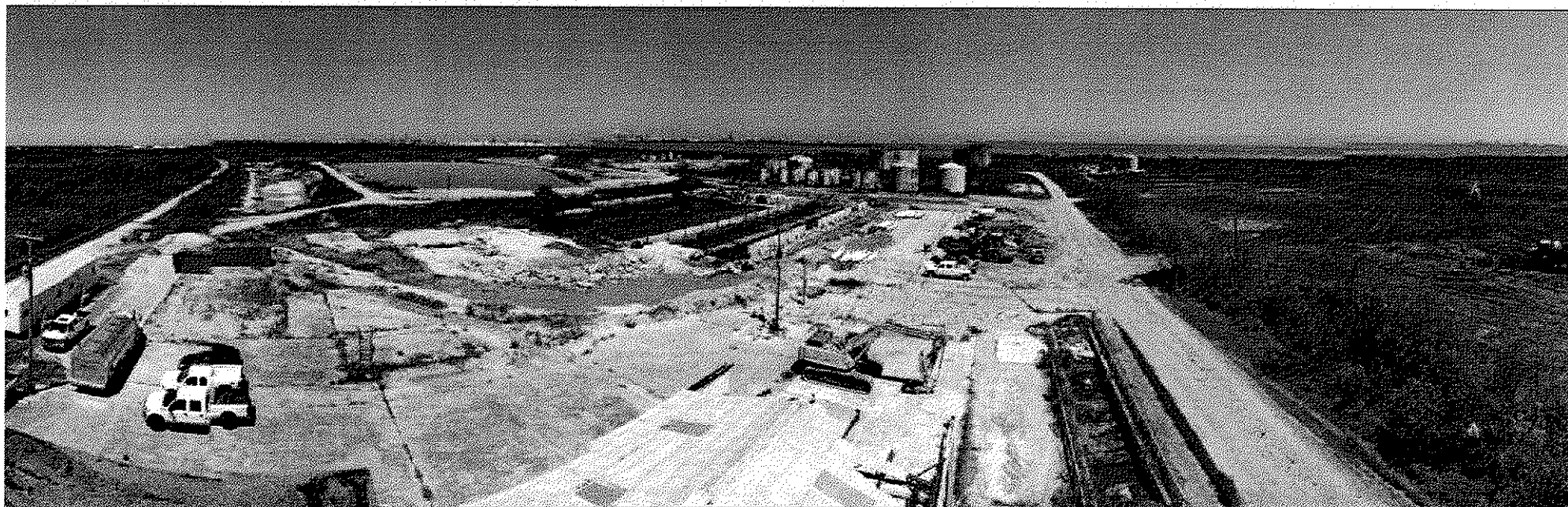
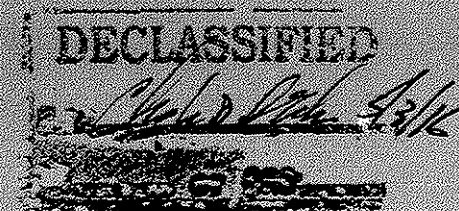


MALONE SERVICE COMPANY SUPERFUND SITE, TEXAS CITY, TEXAS  
**MALONE COOPERATING PARTIES – PHASE TWO RD/RA ACTIVITIES**



**Weekly Phase Two RD/RA Report  
Prepared for EPA and TCEQ**



(November 30 – December 5, 2015)

Draft, for discussion purposes only

Project Navigator, Ltd.  
10497 Town & Country Way, Suite 830  
Houston, TX 77024



9639067

## Project Coordination/Construction Management Activities

### Accomplishments (week of 11/30)

- Continued injection of contact stormwater under EPA ER
- Operated WDW138 overnight throughout the week and WDW73 during working hours
- Resumed earthwork operations in Phase 1 of RCRA Cell
- **ESD UPDATE:** PNL discussions with EPA indicated State UIC will not prepare memo requested by EPA. Carlos Sanchez and John Meyer (EPA) are pushing ESD internally at EPA for signature without UIC memo. Emergency Response extension to December 31, 2015.

### Materials Summary

	This Week	Total
Approximate Contaminated Soil Excavated (CY)	0	48,840
Solidified Waste (CY)	0	44,453

### Field Activities

#### Water Management

- **2/10 inch of rain this week (Thurs AM)**
- Pump contact water to APIs

**Injection Wells** – 623,000 gallons of Contact water injection through both wells under EPA ER.

WDW-138: 75-78 gpm with highest injection pressure of 987 psi.

WDW-73: 73-75 gpm with highest injection pressure of 1189.

#### Solidification

- None

#### Contaminated Soil Excavation

- None

#### Landfill

- Continued disk and drying of clay
- Resumed Earthwork covering 4 acres of Phase 1 RCRA Cell
- Rain has delayed liner installation
- Once Phase 1 is dry and final grading is completed and final densities/moisture tests meets specs, liner install will begin.
- Liner install expected to start on a 4 acre portion of the 11 acre Phase 1 RCRA Cell next week.

#### Pre-Treatment System

- System will be used as needed during high pH or increased sediment conditions

#### Other

- Daily air monitoring and water truck usage for dust suppression

## Project Coordination/Construction Management Activities

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### Upcoming Project Activities

- Continue to operate injection wells through EPA ER until December 31, 2015
- Support EPA effort to hold Public Meeting in Texas City in Dec/Jan timeframe. Fact sheets and posters provide to EPA.

### Upcoming Field Activities

- Continue injection of contact water under EPA ER
- Disking and drying of Phase 1 RCRA C Cell
- Final grading of RCRA C landfill subgrade
- Excavate final leachate trenches
- Excavate liner anchor trenches
- Installation of liner components
- Delivery and staging of RCRA Cell materials
- Site visits by IQAT (EnSafe)
- Continue Sludge Pond and Oil Pit solidification once RCRA Cell is ready to accept waste
- Temporary spray cover field pilot activities



## Dozers disking clay in Phase 1 of RCRA Cell to promote air drying.





Close up of clay after disking.





## Dozer grading and compacter rolling subsurface in Phase 2 of RCRA Cell.

